Larson Electronics LLC
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**VMP-AM-V7-DC-RAM-2020-1500-C-LED**

# 2020 Dodge Ram 1500 Classic Classic No-Drill Antenna Mounting Bracket - (4) 5/8" Holes - LED 3rd Brake Light Mount

**Product ID: 263094**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**

**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

**VMP-AM-V7-DC-RAM-2020-1500-C-LED Magnetic Mounting Plate for Spotlights**

**Type:** Magnetic Mounting Plate
**Compatible Truck Models:** 2020 Dodge Ram 1500 Classic body trucks with LED 3rd brake light lights
**Compatible 3rd Brake Light:** LED
**Unit Weight:** 8 lbs
**Unit Dimensions:** %Length%"W x %Width%53"D x 4.49"H
**Mounting Platform Dimensions:** %Length%" x %Width%"
**Bracket Height Above Cab:** 1.5"
**Weight Capacity:** 30 lbs
**Wind-load:** Highway speeds
**Frame Material:** Aluminum
**Bracket Material:** Aluminum
**Mounting Plate Material:** Steel
**Finish:** Powder Coated
**Color:** White, Grey, or Black
**Compatible Equipment:** Any Magnetic Mount Equipment of up to 30 lbs
**Installation:** Via 3rd Brake Light (Rear Cab Light) - hardware included
**Weatherproof Seal:** Foam Gasket Between Vehicle & Bracket
**Shipping Weight:** 15 lbs
**Shipping Dimensions:** %Slength%"L x 20"W x 10"H

**Ratings/Features:**

Made in the USA
CNC Machined for Precision Fitment
Aluminum Bracket w/ Steel Top Plate
No Modifications Required - OEM Fitment
Works with Any Magnetic Mount Light
Durable Construction
Aerodynamic Engineered for Highway Speeds
No Rattle or Whistle While Driving
Car-wash Safe - Includes Weatherproof Seal

**Special Orders - Special Requirements**

Contact us for special requirements
**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**Fax:** 1-903-498-3364
**E-mail:** sales@larsonelectronics.com

***PLEASE NOTE: BEFORE CALLING TO ORDER, YOU WILL NEED TO KNOW YOUR VEHICLE'S YEAR, MAKE, MODEL, TRIM PACKAGE, AND IF YOUR VEHICLE HAS AN INCANDESCENT OR LED THIRD BRAKE LIGHT. THERE IS NOTHING WE CAN LOOK UP TO HELP YOU DETERMINE THIS. YOU NEED TO LOOK AT THE LIGHT AND SEE IF THERE ARE LITTLE ROUND BULBS (INCANDESCENT) OR LITTLE SQUARE LED CHIPS. WE CANNOT FINISH YOUR ORDER WITHOUT THIS INFORMATION. VERIFY LAMP TYPE BEFORE CALLING.***

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## Made in Texas

**Increase your vehicle functionality and reduce rooftop damage to your truck by easily installing our VMP-AM-V7-DC-RAM-2020-1500-C-LED lightweight third brake light antenna mounting plate. The rooftop antenna mounting plate requires absolutely no drilling to install while supporting antenna arrays of up to 15 lbs. This mounting bracket attaches to the third brake light OEM location making it the perfect choice for the 2020 Dodge Ram 1500 Classic body trucks with LED 3rd brake light. This VMP-AM-V7-DC-RAM-2020-1500-C-LED features an aluminum bracket with 4" pre-drilled 5/8" for installing antennas. The lightweight aluminum mounting plate is compatible with the 2020 Dodge Ram 1500 Classic body trucks with LED 3rd brake light, offering operators and fleet vehicles a convenient mounting location for CB, HAM, VHF, UHF, NMO mount, and land-mobile antenna equipment.**

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The VMP-AM-V7-DC-RAM-2020-1500-C-LED is constructed and engineered in Texas (Made USA) from CNC precision cut aluminum. This mounting plate is especially designed for the 2020 Dodge Ram 1500 Classic body trucks with LED 3rd brake light. The lightweight aluminum plate offers operators a sturdy and reliable platform to deploy thru-hole mounted antennas, up to 15 lbs., on the top of their truck for optimal performance. The VMP-AM-V7-DC-RAM-2020-1500-C-LED is installed via the rear cab lights, has a weatherproof seal on the back side for a secure and dry installation that helps protect against scratches to the body of the truck. The mounting plate requires absolutely no drilling for installation, and the CNC manufacturing process provides perfect fitments like OEM products. The aerodynamic design of the VMP-AM-V7-DC-RAM-2020-1500-C-LED is engineered to support wind-loads seen at highway speeds. This rooftop mount is powder coated for added durability, car-wash safe, and offered in a black, white, or grey finish. This antenna mounting plate is designed for 5/8" thru-holes and is compatible with 5/8" NMO mounts. Please note: the plate is 1/8" thick and a "thick" NMO mount may be required depending on the thickness accepted by the antenna mounting stud. The VMP-AM-V7-DC-RAM-2020-1500-C-LED is equipped with (4) pre-drilled 5/8" hole(s). Please verify your equipment AND vehicle before ordering.

Click image to Enlarge

Click image to Enlarge

The VMP-AM series of vehicle antenna mounting plates from Larson Electronics features an aluminum inverted "L bracket" style mount. The aluminum bracket is mounted to the truck using the 3rd brake light to secure it to the vehicle. Due to both aesthetics and aerodynamics, newer trucks have a rounded design and contours or "grooves" on the roof. This can reduce the surface area for magnetically securing equipment to the top of the vehicle. Magnetic mounts are not perfect and can still lose magnetic grip and fall off, even when properly installed. The use of the VMP-AM-V7-DC-RAM-2020-1500-C-LED mounting bracket resolves all of these issues.

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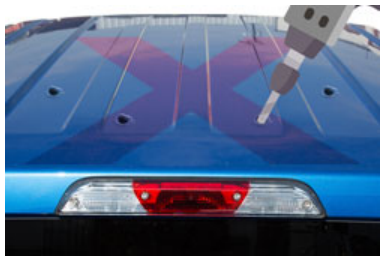
**Features:** Absolutely NO drilling to install, functional for fleet vehicles, attaches to third brake light OEM location, weatherproof gasket, car-wash safe, lightweight aluminum structure pre-drilled holes for permanent installed antennas, powder coated, comes in different colors, supports up to a 15 lb. equipment, and safe for highway speeds. The VMP-AM-V7-DC-RAM-2020-1500-C-LED eliminates damage to your truck caused by rust, scratches, exposed wires, leaks, drilling holes and doesn`t lower the resell value of your vehicle. The NO drill feature is great for leased trucks, eliminating rooftop damage with penalties associated with making modifications to the vehicle. This rooftop antenna plate does not require any drilling to install.



**Color Options**

White

Grey

Black

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**Installation:** The VMP-AM-V7-DC-RAM-2020-1500-C-LED is easy to install and requires absolutely NO drilling. This mounting plate installs through the 3rd brake light on 2020 Dodge Ram 1500 Classic body trucks with LED 3rd brake light lights, between the body of the truck cab and the light. Operators simply remove their 3rd brake light, position the pre-cut mounting bracket and reinstall the light through the bracket with new mounting hardware included with purchase. Wiring can be ran into the cab of the truck by cutting a slit on the bottom side of the gasket and inserting cable into the cab.
The installation kit includes two toggle bolts and longer mounting bolts for the 3rd brake light. The toggle bolts are required to secure the mount to the vehicle body. The longer bolts are intended to replace the factory installed mounting bolts to account for the addition of the mounting bracket and gasket that is being installed between the cab and the light. When installed properly, there is no vibration or rattling of the mount when the vehicle is in use. The toggle bolts support the extra weight and secure the mount to the vehicle. The aerodynamic design of the front of the mount prevents any associated whistling or added road noise that may be seen with other mounting brackets.

**3rd Brake Light Camera Option:** Having a ***bed camera*** in the third 3rd brake light (NOT in the tailgate or bumper) will change the mounting bracket design. This bed camera is commonly referred to as "high mount camera" or "cargo camera." The view of this camera shows the contents of the truck bed. This **IS NOT** the reverse camera that is located in the tailgate that shows behind the vehicle. Those with a high mount bed camera with 3rd brake light must choose the "camera" option in order to get the correct design. Please choose the appropriate option below. The images to the right show the physical difference between models not equipped with camera (top right) and models equipped with camera (bottom right). The image below displays the viewing area that this camera will display on the in-dash screen.

Without Camera

With Camera

Incandescent lights have a reflector and replaceable bulb behind the lens.

***Please note that VMP-AM-V7-DC-RAM-2020-1500-C-LED is designed for trucks with LED 3rd brake lights ONLY. Operators with %OLamp% 3rd brake lights will require the %OLAMP% model. Incandescent mounting plates and LED mounting plates are NOT interchangeable.***

LED Lights have "squares" behind the lens and no replaceable bulb.

**Applications:** This vehicle antenna mounting plate is used permanently mount thru-hole antennas to the highest point of the truck (truck cab) without drilling holes into the truck. Compatible antennas include but are not limited to: NMO Mount antennas, mobile antennas, VHF antennas, UHF antennas, 3G antennas, 4G antennas, LTE antennas, GPS antennas, HAM radio antennas, CB radio antennas, mobile radio antennas, dipole antennas, GMRS antennas, scanner radio antennas, and wide band antennas. Common applications include police, military, emergency services (EMS), fire fighters, security, search and rescue, farming operations, utility companies, lease vehicles, and any other applications for which roof mounted antenna(s) is needed for the 2020 Dodge Ram truck owners.

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**Additional Models:** The VMP-AM-V7-DC-RAM-2020-1500-C-LED is designed for permanent mounting of (4) additional antenna with a 4 thru-hole mount. We do offer additional sizes and form factors. For a full line of compatible mounting plates compatible

with your vehicle, please visit the link below. Choose Year, Make, Model, and Trim to see all the designs from Larson Electronics that is compatible with the 2020 Dodge Ram 1500 Classic truck.

https://www.larsonelectronics.com/category/1421/vehicle-mounting-plates

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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# Frequently Asked Questions (FAQ)

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**VMP-AM-V7-DC-RAM-2020-1500-C-LED**
**Product ID: 263094**

**Warranty:** 3 Months

**Harmonized System (HS) Code:** 9405.41.84.10
**Export Control Classification Number (ECCN):** EAR99

**Options:**
**VMP-AM-V7-DC-RAM-2020-1500-C-LED-Camera Config-Color**
**Example: VMP-AM-V7-DC-RAM-2020-1500-C-LED-CAM-WHT**

| Camera Config | |
|---|---|
| CAMERA | -CAM |
| NO CAMERA | -NOCAM |

| Color | |
|---|---|
| WHITE | -WHT |
| BLACK | -BLK |
| GREY | -GRY |

Links (Click on the below items to view):

- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**